August 28, 1998

SUMMARY OF ADDITIONAL CODES ESTABLISHED FOR THE OTC NBP SINCE JULY 1997

On July 3, 1997, EPA and the Ozone Transport Commission published the NO_x Budget Program Monitoring Certification and Reporting Instructions, providing guidance for reporting electronic data in EDR version 2.0. In December 1997, EPA's Acid Rain Division released the Monitoring Plan Checking Software version 1.1, providing a data entry and evaluation tool for creating EDR v2.0 monitoring plans. Since those releases, additional codes have been established to support various reporting configurations and in response to questions regarding emissions and monitoring plan reporting. Please note that MPC Version 1.2 (released on August 24, 1998) contains many of these codes.

The tables below provide valid codes for EDR v2.0 reporting which were not listed in the reporting instructions and were not included in MPC v1.1. These tables will be updated on a regular basis to provide any additional codes needed to support EDR v2.0.

Table 1
CODES ADDED FOR NBP MONITORING PLANS SINCE MPC VERSION 1.1

RT	Field	Code	Description	Date added to this table
504	Boiler Type	ICE	Internal Combustion Engine	8/28/98
505	State or local regulatory agency code	PAPH	Pennsylvania - Philadelphia	8/24/98
510	Component Type	CALR	Calorimeter (to determine GCV)	8/24/98
520	Formula Code	F-7C	Wet-basis F-factor calculation	8/24/98
		H-1	Heat Input from Heat Rate and MWe	8/24/98
531	Parameter	HR	Heat Rate	8/24/98
		NOX	NO_x Emission Rate (for MER)	8/24/98
	Units of Measure	MMBTUMW	mmBtu per Megawatt Hour	8/24/98
	Source of Value	MEC	Based on Maximum Expected Concentration	8/24/98
		MPC	Based on Maximum Potential Concentration	8/24/98
		MPF	Maximum Potential Flow Rate	8/24/98
	Type of Fuel	NFS	Non Fuel Specific	8/24/98
		C	Coal	8/24/98
		PRS	Process Sludge	8/24/98
585	Missing Data Approach	MAX	Highest Value in Previous Three Years (long term fuel flow)	8/24/98
		SPTS	Standard Part 75	8/24/98
	Fuel Type	PRS	Process Sludge	8/24/98
587	Fuel Type	PRS	Process Sludge	8/24/98

Table 2
CODES ADDED FOR NBP EMISSIONS REPORTING SINCE THE JULY 3, 1997 REPORTING INSTRUCTIONS

RT	Field	Code	Description	Date added to this table
201	MODC	35	NO_x MPC from Part 75, Appendix A, Table 2-1 or 2-2 for boiler type and fuel-type (for full-scale exceedances)	8/24/98
		36	150% of full-scale range (for full scale exceedances for uncontrolled unit and not associated with a fuel switch)	8/24/98
303	Type of gas	NNG	Non-pipeline Natural Gas	8/24/98
	Source of Data Code for Gas Flow Rate	9	Value Reported But Not Used for Hourly Heat Input	8/24/98
306	Measurement Method	FFM	Fuel Flowmeter	8/24/98
320	MODC	30	Unit or Stack MER for emissions above normal operation (i.e., controls not operating properly or combusting rarely used fuel) (non-Part 75 OTC NBP only)	8/24/98
		31	Unit or Stack MER for normal operation (i.e., controls operating properly and primary fuel) (non-Part 75 OTC NBP only)	8/24/98
324	Parameter status flag	W	operation above the highest tested heat input point	8/24/98
		Z	operation below the lowest tested heat input point	8/24/98
328	HI Methodology	ALTHI1	Alternative Heat Input Method 1 (Heat Rate times MW)	8/24/98
		MF-MM	Mixed Fuels Mixed Methodology	8/24/98
	NO_x Methodology	NOXM-SUM	Sum of Multiple Stack NO_x Mass for Unit Reporting	8/24/98
		NOXR-BYS	NO_x MER (as defined in RT 531) for unmonitored bypass stack for uncontrolled (or all) hours	8/24/98
		NOXR-BYS-C	NO_x MER (as defined in RT 531) for unmonitored bypass stack for controlled hours	8/24/98
		AE-MUL	Appendix E Multiple Fuels (from single fuel curves)	8/24/98
		GDEF-MUL	Generic Defaults for Gas and Oil	8/24/98
		UDEF-MUL	Unit-Specific Defaults for Gas and Oil (Uncontrolled hours)	8/24/98
		UDEF-MUL-C	Unit-Specific Defaults for Gas and Oil (Controlled hours)	8/24/98
		UDEF-GAS-C	Unit specific default NO_x rate for gas for controlled hours	8/24/98
		UDEF-OIL-C	Unit specific default NO_x rate for oil for controlled hours	8/24/98
352	Operator	GE, LE, and EQ	Replacing GTE, LTE and E (See Q&A J1.)	8/24/98